

Exhibit B to Accompany the Office Action Mailed on March 7, 2003

On the following pages are a copy of the initialed Information Disclosure Statement in U.S. Patent Application Serial No. 09/406,293, mailed with an Office Action dated February 28, 2001 (5 pages).

Exhibit B

Subt. For, PTO-1449		Docket Number 103576.166		Application Number 09/460,293 09/460,293	
INFORMATION DISCLOSURE IN AN APPLICATION				Applicant Chen, Zhijian H.	
(Use several sheets if necessary)				Filing Date September 24, 1999	
Sheet	1	OF	5	Group Art Unit 1652	

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

A1	Alkalay, et al., "In Vitro Stimulation of I κ B Phosphorylation Is Not Sufficient to Activate NF- κ B", <i>Mol. Cell. Biol.</i> , Vol. 15, No. 3, pp. 1294-1304 (1995)
A2	Alkalay, et al., "Stimulation-Dependent I κ B- α Phosphorylation Marks the NF- κ B Inhibitor for Degradation via the Ubiquitin-Proteasome Pathway" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 10599-10603 (1995)
A3	Arnason and Ellison, "Stress Resistance in <i>Saccharomyces cerevisiae</i> Is Strongly Correlated with Assembly of a Novel Type of Multiubiquitin Chain" <i>Mol. Cell. Biol.</i> , Vol. 14, No. 12, pp. 7876-7883 (1994)
A4	Auffray, et al., "IMAGE: Integrated Molecular Analysis of the Human Genome and Its Expression" <i>Sciences</i> , Vol. 318, pp. 263-272 (1995)
A5	Auphan et al., "Immunosuppression by Glucocorticoids: Inhibition of NF- κ B Activity Through Induction of I κ B Synthesis" <i>Science</i> , Vol. 270, pp. 286-290 (1995)
A6	Baeuerle and Henkel, "Function and Activation of NF- κ B in the Immune System" <i>Annu. Rev. Immunol.</i> , Vol. 12, pp. 141-179 (1994)
A7	Baldi, et al., "Critical Role for Lysines 21 and 22 in Signal-Induced Ubiquitin-Mediated Proteolysis of I κ B- α " <i>Vol. 271, No. 1, pp. 376-379 (1996)</i>
A8	Barroga et al., "Constitutive Phosphorylation of I κ B- α by Casein Kinase II" <i>Proc. Natl. Acad. Sci.</i> , Vol. 92, pp. 7637-7641 (1995)
A9	Beg, et al., "Tumor Necrosis Factor and Interleukin-1 Lead to Phosphorylation and Loss of I κ B- α : a Mechanism for NF- κ B Activation." <i>Mol. Cell. Biol.</i> pp. 3301-3310 (1993)
A10	Belvin, et al., "Cactus Protein Degradation Mediates Drosophila Dorsal-Ventral Signaling" <i>Genes and Dev.</i> , Vol. 9, pp. 783-793 (1995)
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A12	Brockman, J.A., "Coupling of a Signal Response Domain in I κ B- α to Multiple Pathways for NF- κ B Activation" <i>Mol. Cell. Biol.</i> , Vol. 15, No. 5 (1995), 2808-2818
A13	Brown, et al., "Control of I κ B- α Proteolysis by Site-Specific, Signal-Induced Phosphorylation" <i>Science</i> , Vol. 267, pp. 1485-1488 (1995)
A14	Chau, "A Multiubiquitin Chain is Confined to Specific Lysine in a Targeted Short-Lived Protein" <i>Science</i> , Vol. 243, pp. 1576-1583 (1989)

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B1	Chen, et al., "Multiple Ubiquitin-Conjugating Enzymes Participate in the In Vivo Degradation of the Yeast MATa2 Repressor" <i>Cell</i> , Vol. 74, pp. 357-369 (1993)
B2	Chen, et al., "Signal-Induced Site-Specific Phosphorylation Targets IκB-α to the Ubiquitin-Proteasome Pathway" <i>Genes and Dev.</i> , Vol. 9, pp. 1586-1597 (1995)
B3	Chen, et al., "Site-Specific Phosphorylation of IκB-α by a Novel Ubiquitination-Dependent Protein Kinase Activity" <i>Cell</i> , Vol. 84 (1996), 853-862
B4	Chen and Pickart, "A 25-Kilodalton Ubiquitin Carrier Protein (E2) Catalyzes Multi-ubiquitin Chain Synthesis via Lysine 48 of Ubiquitin" <i>J. Biol. Chem.</i> , Vol. 265, No. 35, pp. 21835-21842 (1990)
B5	Choi, et al., "Ste5 Tethers Multiple Protein Kinases in the MAP Kinase Cascade Required for Mating in <i>S. cerevisiae</i> " <i>Cell</i> , Vol. 78, pp. 499-512 (1994)
B6	Ciechanover, "The Ubiquitin-Proteasome Proteolytic Pathway" <i>Cell</i> , Vol. 79, pp. 13-21 (1994)
B7	Derijard, et al., "Independent Human MAP Kinase Signal Transduction Pathways Defined by MEK and MKK Isoforms" <i>Science</i> , Vol. 267, pp. 662-685 (1995)
B8	Derijard, et al., "JNK1: A Protein Kinase Stimulated by UV Light and Ha-Ras That Binds and Phosphorylates the c-Jun Activation Domain" <i>Cell</i> , Vol. 76, pp. 1025-1037 (1994)
B9	Devary, et al., "NF-κB Activation by Ultraviolet Light Not Dependent on a Nuclear Signal" <i>Science</i> , Vol. 261, pp. 1442-1445 (1993)
B10	Diaz-Meco, "ζPKC Induces Phosphorylation and Inactivation of I kappa B-alpha In Vitro" <i>EMBO J.</i> , Vol. 13, No. 12, pp. 2842-2848 (1994)
B11	DiDonato, et al., "Phosphorylation of IκBα Precedes but IS Not Sufficient for Its Dissociation from NF-κB" <i>Mol. cell. Biol.</i> , Vol. 15, No. 3, pp. 1302-1311 (1995)
B12	Dominguez, et al., "Inhibition of Protein Kinase C ζ Subspecies Blocks the Activation of an NF-κB-like activity in <i>Xenopus Laevis</i> Oocytes" <i>Mol. Cell. Biol.</i> , Vol. 13, No. 2, pp. 1290-1295 (1993)
B13	Finco, et al., "Inducible phosphorylation of IκBα is not sufficient for its dissociation from NF-κB and is inhibited by protease inhibitors" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 11884-11888 (1994)
B14	Finco and Baldwin, "κB Site-Dependent Induction of Gene Expression by Diverse Inducers of Nuclear Factor κB Requires Raf-1", <i>J. Biol. Chem.</i> , Vol. 268, No. 24, pp. 17676-17679 (1993)
B15	Finco and Baldwin, "Mechanistic Aspect of NF-κB Regulation: The Emerging Role of Phosphorylation and Proteolysis" <i>Immunity</i> , Vol. 3, pp. 263-272 (1995)
B16	Francis and Corbin, "Structure and Function of Cyclic Nucleotide-dependent Protein Kinases" <i>Annu. Rev. Physiol.</i> , Vol. 56, pp. 237-72 (1994)
B17	Ghosh and Baltimore, "Activation In vitro of NF-κB by Phosphorylation of its Inhibitor IκB" <i>Nature</i> , Vol. 344, pp. 678-682 (1990)
B18	Goldberg, Alfred L., "Functions of the Proteasome: The Lysis at the End of the Tunnel" <i>Science</i> , Vol. 268, pp. 522-523 (1995)

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C2	Haskill, et al., "Characterization of an Immediate-Early Gene Induced in Adherent Monocytes that Encodes I κ B-like Activity" <i>Cell</i> , Vol. 65, pp. 1281-1289 (1991)
C3	Henkel, et al., "Rapid Proteolysis of I κ B- α is Necessary for Activation of Transcription Factor NF- κ B" <i>Nature</i> , Vol. 365, pp. 182-185 (1993)
C4	Hershko and Heller, "Occurrence of a Polyubiquitin Structure in Ubiquitin-Protein Conjugates" <i>Biochem. Biophys. Res. Commun.</i> , Vol. 128, No. 3, pp. 1079-1086 (1985)
C5	Hershko and Ciechanover, "The Ubiquitin System for Protein Degradation" <i>Annu. Rev. Biochem.</i> , Vol. 61, pp. 761-807 (1992)
C6	Hibi, et al., "Identification of an oncoprotein- and UV-responsive protein kinase that binds and potentiates the c-Jun activation domain" <i>Genes and Dev.</i> , Vol. 7, pp. 2135-2148 (1993)
C7	Higgins, et al., "Antisense inhibition of the p65 subunit of NF- κ B blocks tumorigenicity and causes tumor regression" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 9901-9905 (1993)
C8	Hirano, et al., "MEK Kinase Is Involved in Tumor Necrosis Factor α -Induced NF- κ B Activation and Degradation of I κ B- α " <i>J. Biol. Chem.</i> , Vol. 271, No. 22, pp. 13234-13238 (1996)
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C10	Kuno, et al., "Identification of an I κ B- α - Associated Protein Kinase in a Human Monocytic Cell Line and Determination of its Phosphorylation Sites on I κ B- α " <i>Biol. Chem.</i> Vol. 270, No. 46, pp. 27914-27919 (1995)
C11	Lange-Carter, et al., "A Divergence in the MAP Kinase Regulatory Network Defined by MEK Kinase and Raf" <i>Science</i> , Vol. 260, pp. 315-319 (1993)
C12	Li and Sedivy "Raf-1 Protein Kinase Activates the NF- κ B Transcription Factor By Disassociating the Cytoplasmic NF- κ B-I κ B complex" <i>Proc Natl Acad Sci USA</i> , Vol. 90, pp. 9247-9251 (1993)
C13	Lin, et al., "Activation of NF- κ B requires proteolysis of the inhibitor I κ B- α : Signal-induced phosphorylation of I κ B- α alone does not release active NF- κ B" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 552-556, (1995)
C14	Lin and Desiderio, "Regulation of V(D)J Recombination Activator Protein RAG-2 by Phosphorylation" <i>Science</i> , Vol. 260, pp. 953-959 (1993)
C15	Mellits, et al., "Proteolytic degradation of MAD3 (I κ B α) and enhanced processing of the NF- κ B precursor p105 are obligatory steps in the activation of NF- κ B" <i>Nucl. Acid. Res.</i> , Vol. 21, No. 22, pp. 5059-5066 (1993)
C16	Miyamoto, et al., "Tumor necrosis factor α -induced phosphorylation of I κ B α is a signal for its degradation but not dissociation from NF- κ B" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 12740-12744 (1994)

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D2	Palombella, et al., "The Ubiquitin-Proteasome Pathway is Required For Processing the NF- κ B1 Precursor Protein and the Activation of NF- κ B" <i>Cell</i> , Vol. 78, pp. 773-785 (1994)
D3	Pawlak, et al., "Characterization of a Large Population of mRNAs From Human Testis" <i>Genomics</i> , Vol. 26, pp. 151-158 (1995)
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D6	Rodriguez, M.S., et al., "Inducible Degradation of I κ B α in Vitro and in Vivo Requires the Acidic C-Terminal Domain of the Protein" <i>Mol. Cell. Biol.</i> , Vol. 15(5), pp. 2413-2419 (1995)
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D9	Schutze, et al., "TNF Activates NF-kappa B by Phosphatidylcholine-Specific Phospholipase C-Induced "Acidic" Sphingomyelin Breakdown" <i>Cell</i> , Vol. 71 pp.765 -777
D10	Siebenlist, et al., "Structure, Regulation and Function of NF- κ B" <i>Annu. Rev. Cell Biol.</i> , Vol. 10, pp. 405-455 (1994)
D11	Sun, et al., "NF- κ B Controls Expression of Inhibitor I κ B- α : Evidence For An Inducible Autoregulatory Pathway", <i>Science</i> , Vol. 259, pp. 1912-1915 (1993)
D12	Thanos and Maniatis, "NF- κ B: A Lesson in Family Values" <i>Cell</i> , Vol. 80, pp. 529-532 (1995)
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D15	Traenckner, E.B.-M., et al, "Phosphorylation of Human I κ B- α on Serines 32 and 36 Controls I κ B- α Proteolysis and NF- κ B Activation in Response to Diverse Stimuli" <i>EMBO J.</i> , Vol. 14, No. 12, pp. 2876-2883 (1995)
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D17	Wasserman, "A Conserved Signal Transduction Pathway Regulating the Activity of the Rel-Like Proteins Dorsal and NF- κ B" <i>Mol. Biol. Cell.</i> , Vol. 4, pp. 767-771 (1993)

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E1	Whiteside, et al., "N- and C- Terminal Sequences Control Degradation of MAD3/I κ B- α in Response to Inducers of NF- κ B Activity" <i>Mol. Cell. Biol.</i> , Vol. 15, No. 10, pp. 5339-5345 (1995)
E2	Yaglom, et al., "p34Cdc28-Mediated Control of Cln3 Cyclin Degradation" <i>Mol. Cell. Biol.</i> , Vol. 15, No. 2, pp. 731-741 (1995)
E3	Yang, et al., "Deficient signaling in mice devoid of double-stranded RNA-dependent Protein kinase" <i>EMBO J.</i> , Vol. 14, No. 24, pp. 6095-6106 (1995)
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